



**EUROPEAN COLLEGE OF
VETERINARY OPHTHALMOLOGISTS**

2021 ANNUAL SCIENTIFIC MEETING

Online

20 – 23 May, 2021

CONFERENCE SCHEDULE

A meeting for
everyone
interested in
ophthalmology

Welcome to the ECVO online conference 2021!

Dear Colleagues,

We are very excited to welcome you, on behalf of the ECVO, to our first online conference in May 2021.

Although it would have been wonderful to meet under the warm, sunny skies of Rhodes, we have made every effort to create an exciting and interesting online version of the meeting that you can enjoy from your own home or another venue of your choice. We all miss one another – meeting with old and new friends, sharing new work and learning new ideas, be it over a coffee or a glass of wine (or two...). It has been too long!

Our online version of the meeting will have several options for everyone to connect and meet, be it via chat, email, virtual meeting rooms or Zoom meetings.

The central theme of this year's conference is Uveal Diseases, coordinated by Richard McMullen, the Chair of the ECVO Scientific Committee. The highly anticipated State-of-the-Art lecture on 'The Diagnostic Approaches to Uveal Disease in Humans' will be given by Professor Stephan Thureau. Many more expert international speakers will address the different aspects of uveal diseases in animals and people over the course of the conference. As a special treat, Dr Andrew Knight will speak on 'Animal Welfare and Ethical Treatment of Animals in Veterinary Ophthalmic Research'.

Because of the cancellation of last year's meeting, and the subsequent loss of opportunity to present an abstract or poster, the change to an online format has made us take a fresh look at the structure of the meeting. The schedule is slightly different this year: the main Scientific Programme will be held on Thursday and Friday, with oral and poster abstracts from residents, clinicians and researchers. The Continuing Education Day will be on Saturday and the Masterclass on Sunday.

The new virtual exhibition area will allow the direct contact with the exhibitors and give them the opportunity to inform us of their newest and best products. A quiz with exciting prizes will lure you to the exhibitor platform. As we are accustomed to from previous years the HED session will bring us new information related to inherited eye diseases and we can test our knowledge using the fun Kahoot technique.

The conference will be recorded and access to all sessions will be available for registered participants for a certain time after the conference, so no one has to miss any of the presentations. We thank all the authors and speakers for sharing their work, and for pre-recording their presentations to help things run smoothly.

We wish to take a moment to remember Gil Ben-Shlomo, the past Chair of the ECVO Planning Committee. Gil passed away suddenly in October and is dearly missed by his family, friends, colleagues and our College. Charlotte Keller kindly stepped up to take over Gil's work, in conjunction with Ingo Hoffman who was already part of the Planning Committee. Gil would have loved the 2021 meeting and we hold him in our thoughts.

We hope you all enjoy "ECVO online" and very much look forward to 'meeting you' in the new-normal way in May 2021!

Heidi Featherstone
ECVO President

Charlotte Keller
Chair of the ECVO
Planning Committee

Ingo Hoffmann
ECVO Planning Committee

CONFERENCE INFORMATION

Conference Organizer

ECVO Conference B.V. i.o.
c/o Dr S. Djajadiningrat
Faculty of Veterinary Medicine, University of Utrecht
P.O. Box 80.154, 3508 TD Utrecht, The Netherlands
www.ecvo.org; www.ecvoconference.org



President: Dr Heidi Featherstone, UK
Chair of Planning Committee: Dr Charlotte Keller, Canada

As the ECVO is registered in the Netherlands,
all legal matters will be considered under current Dutch law.

ECVO Executive Committee

Dr Heidi Featherstone (President - UK)
Dr Charlotte Keller (Vice President - Canada)
Dr Anne-Marie Verbruggen (Past President – Belgium)
Dr Guillaume Payen (Secretary - France)
Dr Jim Carter (Treasurer - UK)

Conference Office

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Online conference

The ECVO Annual Scientific Meeting in 2021 will be a virtual, online meeting.
Lectures will be presented pre-recorded with speakers available for Q&A after each lecture.
All lectures will be available in a media-center until 20 August 2021 via www.ecvoconference.org
The registration fee includes proceedings (in PDF format for download).

Programme Changes

Neither the organizer nor the congress secretariat can be held responsible for any liabilities caused by programme changes. No (partial) refund of paid registration fees will be made in the case of programme changes, cancellation of lectures or replacement of speakers.

Picture / Sound / Video Recording

The scientific lectures are subject to copyright. It is therefore prohibited to make any picture, sound, or video recording. The scientific lectures and proceedings are available only for registered congress delegates and must not be forwarded to third parties.

Disclaimer

The participant acknowledges by his/her registration that neither the organizer nor the congress secretariat accept any liability in case the realization of the conference or parts of it is hindered or made impossible by any unforeseen political or economic events or in general by force majeure. The organizer strives towards a failure-free operation of the online congress. No liability can be accepted for any failures or disturbances that are beyond the organizer's control.

INVITED SPEAKERS

State of the Art Lecture / CE-Day / Masterclass



Stephan Thureau, Prof. Dr. med., FEBO

University Eye Hospital, Munich, Germany

Stephan Thureau graduated from Ludwig-Maximilians-University, Munich in 1986, where he completed a M.D. on HLA-B27. In 1989 he went to the National Eye Institute of the NIH in Bethesda as a postdoctoral fellow, founded the Lab of Immunology at the Department of Ophthalmology of the LMU in Munich together with Gerhild Wildner and passed the German Board Exam of Ophthalmology in 1994 and became Fellow of the European Board of Ophthalmology in 2003. In 2008 he was nominated associate professor at the University Eye Hospital, Munich. His clinical main research is focused on uveitis.

CE-Day / Masterclass



Rebecca R Bellone, DVM, PhD

School of Veterinary Medicine at University of California, Davis, USA

Rebecca graduated from the University of Kentucky in 2001, earning her PhD in equine genetics. After earning her doctorate, she joined the faculty at University of Tampa, in Tampa, Florida, and spent twelve years teaching undergraduate courses in biology and molecular biology, while also conducting research that advanced the understanding of equine genetics. In 2014, she joined the faculty in the Department of Population Health and Reproduction at the School of Veterinary Medicine at UC Davis and was appointed Director of the Veterinary Genetics Laboratory in November of 2017. Her research

work has identified causal mutations for both pigmentation traits as well as several inherited ocular disorders in horses, including congenital stationary night blindness, ocular squamous cell carcinoma, and distichiasis. She currently is investigating the genetics of several ocular disorders including bilateral cornea stroma loss, ocular squamous cell carcinoma, and equine recurrent uveitis in multiple horse breeds.



Keith E. Linder, DVM, PhD, Dipl. ACVP
Clinical Professor of Pathology

North Carolina State University, Raleigh, USA

After graduating from veterinary school at Michigan State University (USA) in 1995, Dr. Linder began an anatomic pathology residency at the University of Guelph in Ontario, Canada. Concurrent with his residency, he obtained a PhD in experimental pathology at the same institution in 2000. In 2001, he became board-certified by the American College of Veterinary Pathology. Dr. Linder is presently a Clinical Professor of Anatomic Pathology at the North Carolina State University, College of Veterinary Medicine in Raleigh, North Carolina,

where he has worked since 2000. He is the Director of the Comparative Pathology Core in the Center for Human Health and the Environment. Dr. Linder directs the Anatomic Pathology Residency Training Program, and is the Faculty Lead for the Animal Autopsy Service, at North Carolina State University. Dr. Linder's expertise is in veterinary dermatopathology, skin structure and function, and mechanisms of skin diseases. He has over 20 years of experience in veterinary dermatopathology diagnostic practice and publication.



Richard J McMullen Jr., Dr. med. vet., DECVO, DACVO, CAQ Eq
Ophthalmol (Germany, Zusatzbezeichnung Augenheilkunde – Pferd),
Associate Professor of Equine Ophthalmology

Auburn University, Auburn, USA

Richard graduated from Ludwig-Maximilians-University (LMU), Munich in 2002, and immediately joined LMU's Clinic for Horses where he completed his doctorate and advanced certification in equine ophthalmology in 2005. This was followed by a move to Raleigh, NC for a residency in comparative ophthalmology at North Carolina State University (NCSU) in 2006. Following completion of his residency, Richard remained on faculty at NCSU until 2012. From January 2013

to October 2016, Richard established and ran the equine ophthalmology service at the Equine Clinic Munich-Riem, Germany. In January 2017 Richard once again returned to the U.S. to join the ophthalmology service at Auburn University where he is currently an Associate Professor of Equine Ophthalmology. Auburn University is one of the only veterinary schools in North America that offers an Equine Ophthalmology rotation in addition to their Small Animal Ophthalmology rotation. Richard serves on the ECVO Scientific Committee and is a past board member of the International Equine Ophthalmology Consortium (IEOC). His research interests are anchored in clinical equine ophthalmology and vision, ophthalmic photography, advanced diagnostic imaging, novel uses of photodynamic therapy, and standing ophthalmic surgery in horses.



Simon M Petersen-Jones, DVetMed, PhD, DVOphthal, Dip ECVO, Hon dip ACVO MRCVS

Michigan State University, East Lansing, USA

Simon is a graduate of the Royal Veterinary College, London. After 18 months in private practice in England he returned to the RVC as a resident under Peter Bedford. He then held a faculty position at the Royal (Dick) School of Veterinary Sciences before moving to Cambridge University as a Wellcome Trust Veterinary Career Development Fellow. At Cambridge he completed a PhD under David Sargan during which he developed the first DNA-based test for progressive retinal atrophy. Since 1998 he has been on the faculty at

Michigan State University where he has advanced through the ranks to full professor. He was appointed as the first Myers-Dunlap Endowed Chair in Canine Health. As well as clinical and administrative duties he runs an active research group focusing on characterization of and therapy for hereditary ocular conditions. He has been awarded the BSAVA Simon Award and Pfizer Research Awards both in the UK and in the USA and in 2019 was elected as an honorary member of the American College of Veterinary Ophthalmologists.



Leandro B C Teixeira, DVM MSc DACVP

University of Wisconsin, Madison, USA

Leandro graduated from Sao Paulo State University (Brazil) in 2002 and did a residency in anatomic pathology followed by a Masters in comparative pathology at the same university. He moved to the US in 2008 and completed an ocular pathology fellowship at the University of Wisconsin-Madison's COPLOW (Comparative Ocular Pathology Laboratory of Wisconsin) followed by a Vision Science fellowship at UW-Madison School of Medicine's Dept. of Ophthalmology. He became ACVP-board certified in 2012 and is currently an assistant professor at UW-Madison School of Veterinary Medicine and Director of the

COPLOW Lab. His research focus is comparative glaucoma and ocular pathology.



Gerhild Wildner, Prof. Dr.

Ludwig-Maximilians-University, Munich, Germany

Gerhild Wildner graduated with a diploma in Biology from the Institute of Genetics, Dept. of Immunology at the University of Cologne, Germany. She received her PhD degree in immunology from the Ludwig-Maximilians-University of Munich and then worked as a postdoc at the Max-Planck-Institute for Biochemistry in Martinsried. Since 1991 she is heading the "Section of Immunobiology" at the Department of Ophthalmology of the Ludwig-Maximilians-University, focused on the pathomechanisms of intraocular inflammatory in patients and the models of experimental autoimmune uveitis (EAU). She is a Professor

of Immunology and Consultant Immunologist of the German Society for Immunology (DGfI). In 2000 she co-founded the Munich Collaborative Research Center SFB 571 "Autoimmune reactions" and received the Research Award of the German Society for Ankylosing Spondylitis (DVMB) in. In 2012/13 she was visiting professor at the University of New South Wales in Sydney (Australia) and at the Postgraduate Institute of Medical Education and Research in Chandigarh (India).

Lecture on Animals in Research



Andrew Knight, BSc (Vet Biol), BVMS, CertAW, MANZCVS, DipECAWBM (AWSEL), DACAW, PhD, FRCVS, PFHEA

University of Winchester, UK

Andrew previously worked in small animal practice in the UK. He is now Professor of Animal Welfare and Ethics, and Founding Director of the Centre for Animal Welfare, at England's University of Winchester. Additionally, he is an EBVS European and RCVS Veterinary Specialist in Animal Welfare Science, Ethics and Law; an American Veterinary Specialist in Animal Welfare; a Fellow of the Royal College of Veterinary Surgeons, and a Principal Fellow of Advance HE. His research exploring the contributions of animal models to human healthcare formed the basis of his PhD and subsequent book, *The Costs and Benefits of Animal Experiments*.

Hereditary Eye Diseases Session



Marianne Richter, Dr. med. vet., DECVO

Eyevet.ch, Switzerland

Marianne graduated from University of Veterinary Medicine, Vienna in 1999 and moved to Switzerland where she became a faculty member and did her residency training at the Vetsuisse Faculty of the University Zurich. From 2003 until end of 2008 she was assistant professor at the Vetsuisse Faculty, University Zurich training residents in Veterinary Ophthalmology and directing research projects focusing on Feline Herpesvirus. Following 8 years of academic career, Marianne is working self-employed in 2 private veterinary clinics since more than 10 years. Marianne is ECVO Diplomate since 2003. She was chair of the Education & Residency Committee (2005-2009), subsequent chair of the Credentials Committee (2010-2014) and since 2015 chair of the Hereditary Eye Disease Committee.



Claus Bundgaard Nielsen, DVM, SpecVetOphth

AniCura Aarhus Dyrehospital, Denmark

Claus graduated from the Royal Veterinary School in Copenhagen in 1985. He became a Nordic Eye Panelist in 2003 and a national Specialist in Veterinary Ophthalmology in 2005. He has since 1998 been working at Aarhus Dyrehospital in a referral practice, responsible for the ophthalmology department. Since 2007 he has been the national Chief Panelist, and has been engaged in the Nordic Eye Examination Commity since 2008 and is a special advisor for the ECVO-HED commity with special tasks for the ECVO manual and the Education Program for Eye Scheme Examiners (ESE).

CONFERENCE SCHEDULE – MAIN PROGRAMME (abstracts as submitted by 11 May 2021)

The code in front of each lecture informs you about the order of the talks

(SS = Scientific Session; P = Poster).

To search an abstract in the online programme please use the abstract-No. #xxx

Thursday, 20 May 2021 / Scientific Session I / 08.45 – 10.00 (CEST)

Chairperson: Marion Kerschbaumer

- SS-I-02 **OCULAR CHANGES AND PHOTODERMATITIS IN NINE HORSES AFTER INGESTION OF PARSNIP (*PASTINACA SATIVA*) (#35)**
K. Thieme, J. Winter, E. - M. Saliu, H. Gehlen, J. C. Eule
- SS-I-03 **ANALYSIS OF 144 CANINE UVEAL MELANOCYTIC TUMORS AS MODELS FOR HUMAN UVEAL MELANOMAS: EPIDEMIOLOGICAL, CLINICAL, HISTOLOGICAL AND GENETIC DATA (#113)**
A. Primot, J. - P. Jegou, E. Bourreaux, E. Cadieu, M. Muller, F. Degorce-Rubiales, I. Raymond-Letron, S. Mottier, G. Chaudieu, P. Durieux, I. Loiseau, T. Derrien, F. Mouriaux, **C. André**
- SS-I-04 **LYMPHATIC VESSELS IN HEALTHY EYES OF DOGS, CATS AND HORSES: AN IMMUNOHISTOLOGICAL STUDY (#24)**
J. Diaz Bujan, A. Suárez-Bonnet, S. Priestnall, J. Dudhia, C. Kafarnik
- SS-I-05 **IN VITRO SUSCEPTIBILITY OF CANINE CORNEAL BACTERIAL PATHOGENS TO THREE CROSS-LINKING PROTOCOLS. (#42)**
T. P. Large, S. Mack, E. Villiers, J. Oliver
- SS-I-06 **PLASMA BIOMARKERS OF INFLAMMATION AND HYPERCOAGULABILITY IN DOGS WITH SARDS (#41)**
F. Mowat, A. Lynch, L. Ruterbories, J. Robertson, K. Lunn

Thursday, 20 May 2021 / Scientific Session II / 10.30 – 12.00 (CEST)

Chairperson: Jens Fritsche

- SS-II-02 **ASSESSMENT OF THE INTER-RATER AGREEMENT OF CORNEAL CYTOLOGY AND CULTURE FINDINGS IN CANINE ULCERATIVE KERATITIS (#69)**
N. Hamzianpour, V. Adams, R. A. Grundon, R. Linn-Pearl, E. Scurrall, M. Rozmanec, A. Civello, R. Goss, C. Watkins, H. Kearns, C. L. Heinrich
- SS-II-03 **FRONTAL SINUS VALVED GLAUCOMA SHUNT REVISITED: A RETROSPECTIVE STUDY OF VISION AND INTRAOCULAR PRESSURE OUTCOMES IN DOGS WITH GLAUCOMA 2010 - 2019 (#75)**
I. M. Freitas, T. Knott, J. Oliver
- SS-II-04 **TOPICAL ETHYLENEDIAMINETETRAACETIC ACID ADMINISTRATION FOLLOWING CORNEAL DIAMOND BURR DEBRIDEMENT FOR CALCAREOUS CORNEAL DEGENERATION IN CANINES (#78)**
Z. Anastassiadis, R. A. Read, K. D. Bayley

- SS-II-05 **A PROSPECTIVE BLINDED RANDOMISED CONTROLLED STUDY COMPARING THE INCIDENCE OF CORNEAL INJURY FOLLOWING GENERAL ANAESTHESIA IN DOGS WITH TWO METHODS OF CORNEAL PROTECTION. (#102)**
J. Ioannides, J. Parker, V. Kumaratunga, J. Preston, D. Donaldson, C. Hartley
- SS-II-06 **SUBPALPEBRAL LAVAGE PLACEMENT FOR REMOTE TOPICAL ADMINISTRATION OF OCULAR MEDICATIONS IN 12 DOGS: A RETROSPECTIVE REVIEW AND ASSESSMENT OF OWNER PERCEPTION (#104)**
J. Parker, J. Ioannides, V. Kumaratunga, J. Preston, C. Hartley, D. Donaldson
- SS-II-07 **PREVALENCE OF CONJUNCTIVAL AND INTRA-OCULAR BACTERIA IN DOGS UNDERGOING PHACOEMULSIFICATION SURGERY (#112)**
S. Coall, J. Premont, A. Groth, F. M. Billson

Thursday, 20 May 2021 / Poster Session I / 13.00 – 14.00 (CEST)

- P-01-01 **COMPARISON OF THE PREVALENCE OF FELINE HEPADNAVIRUS IN A POPULATION OF CATS WITH UVEITIS AND IN A HEALTHY CAT POPULATION. (#11)**
E. Jeanes, M. Wegg, J. Mitchell, S. Priestnall, L. Fleming, C. Dawson
- P-01-02 **SUPERFICIAL CORNEAL ULCERATION IN DOGS- A RETROSPECTIVE STUDY (#15)**
C. Bradley, P. Sansom, W. J. Carter
- P-01-03 **PREVALENCE AND OUTCOME OF LENS CAPSULE DISRUPTION IN ROUTINE CANINE CATARACT SURGERY: 520 EYES (2012-2019) (#16)**
A. Andrews, M. - C. Fischer
- P-01-04 **UVEAL MELANOMA ASSOCIATED WITH NEVUS OF OTA IN A GERMAN SHEPHERD (#18)**
V. Mezzadri, A. Crotti, G. Barsotti, C. Giudice
- P-01-05 **COMPARISON OF TWO REBOUND TONOMETERS IN HEALTHY HORSES (#19)**
M. P. Mustikka, E. M. Pietilä, A. K. Mykkänen, T. S. C. Grönthal
- P-01-06 **COMPARISON OF CORNEAL CULTURE RESULTS OBTAINED USING THE ESWAB™ VS. AMIES CHARCOAL SWAB IN CANINE AND FELINE PATIENTS. (#21)**
T. P. Large, S. Mack, E. Villiers, J. Oliver
- P-01-07 **RETINAL DETACHMENT SECONDARY TO VITREORETINOPATHY IN TWO CLOSELY RELATED WARBLOOD HORSES (#22)**
E. Vercruysse, A. Sauvage, M. Vandersmissen, C. Naranjo, M. Grauwels, S. Monclin
- P-01-08 **SEVERE MULTIPLE BILATERAL CONGENITAL OCULAR ABNORMALITIES CAUSING BLINDNESS IN A WARBLOOD FOAL (#23)**
E. Vercruysse, A. Sauvage, M. Vandersmissen, C. Naranjo, M. Grauwels, S. Monclin

- P-01-09 **EVISCERATION WITH IMPLANTATION OF AN INTRAOCULAR SILICONE PROSTHESIS IN DOGS AND CATS: A RETROSPECTIVE STUDY OF 134 CASES (2010-2019) (#30)**
J. B. Barbry, A. S. Poinsard, J. Capelle, O. Balland, P. F. Isard, T. Dulaurent
- P-01-10 **FINE-NEEDLE INTRAOCULAR BIOPSY FOR DIAGNOSIS OF ANTERIOR SEGMENT TUMORS IN DOGS AND CATS (#31)**
M. Voitekha, A. Shilkin
- P-01-11 **COMBINED SKIN FLAP AND AMNIOTIC MEMBRANE GRAFT FOR MANAGEMENT OF A LOWER EYELID FULL-THICKNESS DEFECT IN A HORSE (#33)**
C. Landrevie, M. C. Robin, I. Raymond, J. Y. Douet
- P-01-12 **SUB-TENON'S ANAESTHESIA FOR CANINE CATARACT SURGERY: A RETROSPECTIVE STUDY OF 133 EYES (#36)**
K. D. Bayley, C. Gates, Z. Anastassiadis, T. Read
- P-01-13 **THE FEASIBILITY OF CLINICAL EVALUATION FOR ANTERIOR UVEITIS THROUGH SPECTRAL-DOMAIN OPTICAL COHERENCE TOMOGRAPHY IN DOGS. (#37)**
Y. Jeong, S. Kang, J. Shim, E. Lee, S. Park, D. Jeong, S. Kim, S. Lee, K. Seo
- P-01-14 **CLINICAL AND GENETIC STUDY OF PRIMARY LENS INSTABILITY IN A FAMILY OF BERNESE MOUNTAIN DOGS CROSSED WITH AUSTRALIAN SHEPHERD IN FRANCE. (#43)**
C. Jondeau, L. Chevallier, S. Chahory
- P-01-15 **USE OF EPISCLERAL CYCLOSPORINE IMPLANTS IN THE TREATMENT OF CANINE LYMPHOPLASMOCYTIC INFILTRATION OF THE NICTITATING MEMBRANE: A CASE REPORT (#45)**
M. - P. Boutin, F. J. Ollivier
- P-01-16 **MEASURING METAL TRACE ELEMENTS CONCENTRATION IN TEARS OF HEALTHY SHEEP USING PARTICLE INDUCED X-RAY EMISSION (PIXE) ANALYSIS (#48)**
O. Pe'er, A. Zahavi, Y. Vardizer, N. Cohen Sinai, N. Goldenberg-Cohen, O. Girshevitz, R. Ofri
- P-01-17 **IS IT NECESSARY TO WAIT SEVERAL MINUTES BETWEEN APPLICATIONS OF DIFFERENT TOPICAL OPHTHALMIC DRUGS? A PRELIMINARY STUDY WITH TROPICAMIDE AND LATANOPROST IN HEALTHY DOGS (#51)**
D. Arad, O. Pe'er, R. Deckel, L. Sebbag, R. Ofri
- P-01-18 **A RETROSPECTIVE EVALUATION OF THE INCIDENCE OF HEREDITARY OCULAR DISORDERS IN LAGOTTO ROMAGNOLO DOG BREED IN ITALY (#54)**
M. Crasta, K. Arteaga, L. Barachetti, A. Guandalini
- P-01-19 **TREATMENT OF EQUINE ENDOTHELITIS WITH A SUPRACHOROIDAL CYCLOSPORINE IMPLANT AND A CONJUNCTIVAL FLAP (#56)**
V. M. Herb, B. Nell
- P-01-20 **MAGNESIUM HYDROXIDE NANOPARTICLES IMPROVE OCULAR HYPOTENSIVE EFFECT OF TWICE DAILY TOPICAL TIMOLOL IN HEALTHY DOGS (#58)**
M. Kita, K. Kanai, H. Mitsuhashi, T. Noguchi, N. Nagai, Y. Otaka, Y. Yamashita, K. Tajima

- P-01-21 **EVALUATION OF ELECTRORETINOGRAPHY IN AGEING DOGS (#59)**
A. Balicka, M. Szadkowski, G. Ben-Shlomo, A. Trbolova, I. Balicki
- P-01-22 **CONJUNCTIVAL PYOGENIC GRANULOMA IN A PONY (#60)**
A. Bessonnat, M. - O. Benoit-Biancamano, M. Vanore
- P-01-23 **DEEP ORBITAL DERMOID CYST IN A DOG: A CASE REPORT (#62)**
M. Fortuny Giró, L. Gaztelu Alcaire, C. Naranjo Freixa
- P-01-24 **URRETS-ZAVALIA SYNDROME (UZS) IN A DOG FOLLOWING CATARACT SURGERY (#65)**
T. Bilotta, C. Busse
- P-01-25 **CLINICAL AND HISTOPATHOLOGIC CASE DESCRIPTION OF SEVERE COMPLICATIONS OF INFECTIOUS BOVINE KERATOCONJUNCTIVITIS (#66)**
A. Suter, K. Voelter, P. Grest
- P-01-26 **LIPEMIC AQUEOUS HUMOR AND SUSPECTED XANTHOMAS ASSOCIATED WITH PRIMARY HYPERTRIGLYCERIDEMIA IN A CAT (#67)**
L. Barachetti, **S. Savov**, N. Fanton, I. Cancelli
- P-01-27 **EYELID PERIPHERAL NERVE SHEATH TUMOR (PNST) IN A DOG (#68)**
L. Barachetti, **S. Savov**, C. Giudice
- P-01-28 **SPECTRAL DOMAIN OPTICAL COHERENCE TOMOGRAPHY (SD-OCT) ANALYSIS OF CHOROIDAL THICKNESS PROFILE IN MIXED BREED DOGS AFFECTED BY GENERALIZED PROGRESSIVE RETINAL ATROPHY (GPRA) (#74)**
J. Zwolska, M. Szadkowski, I. Balicki

Thursday, 20 May 2021 / Scientific Session III / 14.00 – 15.15 (CEST)

Chairperson: Ron Ofri

- SS-III-02 **IDENTIFICATION OF A VARIANT IN *NDP* ASSOCIATED WITH X-LINKED RETINAL DYSPLASIA IN THE ENGLISH COCKER SPANIEL DOG (#14)**
H. Joyce, L. Burmeister, H. Wright, L. Fleming, J. Oliver, C. Mellersh
- SS-III-03 **RETROSPECTIVE REVIEW OF RETROBULBAR DISEASE IN 185 CASES (DOGS, CATS AND SMALL MAMMALS) TO INVESTIGATE THE DIAGNOSTIC VALUE OF COMPUTED TOMOGRAPHY ± FINE NEEDLE ASPIRATION CYTOLOGY OR HISTOPATHOLOGY (#84)**
A. H. Marx, B. K. Braus
- SS-III-04 **CASE REPORT: OPTIC NERVE PIT ASSOCIATED WITH FOCAL SEROUS RETINAL DETACHMENT IN A DOG –*IN-VIVO* IMAGING AND OUTCOME FOLLOWING LASER RETINOPEXY (#71)**
V. L. Dufour, J. Cohen, D. Holle, G. D. Aguirre
- SS-III-05 **CANINE OPTIC NEURITIS: CLINICAL, IMAGING FINDINGS AND PROGNOSIS IN 30 CASES (2013-2020) (#124)**
A. - E. Grillot, S. Larrat, S. Monclin, G. Payen
- SS-III-06 **MELTING CORNEAL ULCERS (KERATOMALACIA) IN DOGS: A 5-YEAR CLINICAL AND MICROBIOLOGICAL STUDY (2014-2018). (#89)**
A. Tsvetanova, R. M. Powell, K. A. Tsvetanov, K. M. Smith, D. J. Gould

Thursday, 20 May 2021 / HED Session / 15.30 – 17.30 (CEST)
Marianne Richter, Claus Bundgaard Nielsen

Friday, 21 May 2021 / Scientific Session IV / 08.30 – 10.00 (CEST)
Chairperson: Tadej Zemljic

- SS-IV-02 **ALBUMIN IN TEARS MODULATES BACTERIAL SUSCEPTIBILITY TO TOPICAL ANTIBIOTICS IN OPHTHALMOLOGY (#9)**
L. Sebbag, V. Broadbent, D. Kenne, A. Perrin, J. P. Mochel
- SS-IV-03 **PREVALENCE OF OPHTHALMIC FINDINGS ASSOCIATED WITH CANINE *DIABETES MELLITUS*: A RETROSPECTIVE STUDY OF 75 CASES (2009-2019) (#17)**
F. Cantero, A. Ortillés, T. Peña, M. Leiva
- SS-IV-04 **THE EFFECT OF TOPICAL 1% CYCLOSPORINE ON CRYSTALLINE CORNEAL DYSTROPHY IN DOGS (#38)**
K. Arteaga, M. Leiva, T. Peña, P. Ostan, M. Crasta
- SS-IV-05 **CORNEAL STROMAL ULCERATIONS IN A REFERRAL POPULATION OF DOGS AND CATS IN THE NETHERLANDS (2012-2019): BACTERIAL ISOLATES AND ANTIBIOTIC RESISTANCE (#44)**
C. Y. Verdenius, E. M. Broens, S. C. Djajadiningrat-Laanen
- SS-IV-06 **IMMUNOHISTOCHEMICAL STAINING OF IMMUNOGLOBULIN G IN HEALTHY CANINE AND FELINE CORNEAS (#57)**
V. M. Herb, A. Url, A. Tichy, B. Nell
- SS-IV-07 **ULCERATIVE KERATITIS IN 193 HORSE EYES IN BELGIUM: ASSOCIATED BACTERIAL ISOLATES AND IN-VITRO ANTIMICROBIAL SUSCEPTIBILITY (#101)**
E. Vercruyse, F. Narinx, A. Sauvage, M. Grauwels, S. Monclin
- SS-IV-08 **USE OF AN OCULAR SURFACE ANALYSER FOR THE EXAMINATION OF THE TEAR FILM IN RABBITS (#88)**
F. Corsi, A. Guandalini, M. Masi, C. Peruccio

Friday, 21 May 2021 / Scientific Session V / 10.30 – 11.00 (CEST)
Chairperson: Petra Grinninger

- SS-V-02 **EYELID AND CONJUNCTIVAL MAST CELL TUMOURS: A RETROSPECTIVE STUDY OF 26 DOGS AND 8 CATS (#10)**
B. M. Fischer, M. Kessler, B. K. Braus
- SS-V-03 **EPIDEMIOLOGY AND CLINICAL SIGNIFICANCE OF CANINE DISTICHIASIS: A RETROSPECTIVE STUDY OF 291 CASES. (#63)**
C. Jondeau, M. Gounon, A. Bourguet, S. Chahory

Friday, 21 May 2021 / State of the Art Lecture - SOTAL / 11.00 – 12.00 (CEST)

UVEITIS: WHAT DO WE KNOW ALREADY AND WHAT DO WE STILL NEED TO KNOW? (#136)
S. Thurau

Friday, 21 May 2021 / Poster Session II / 13.00 – 14.00 (CEST)

- P-02-01 **CLINICAL AND MORPHOLOGIC FEATURES OF CORNEAL LYMPHOMA IN EIGHT HORSES (#79)**
M. Lassaline, C. Plummer, L. Teixeira
- P-02-02 **DIODE LASER TREATMENT OF CORPORA NIGRA CYSTS IN 67 EYES OF 44 HORSES (#80)**
M. Mironovich, K. Knickelbein, **M. Lassaline**
- P-02-03 **SURGICAL TREATMENT AND OUTCOME OF AN INTRALENTICULAR FOREIGN BODY IN A DOG: A CASE REPORT (#82)**
A. Salih, P. Cebrian, J. Martin, N. Escanilla, S. Giannikaki, R. C. Lowe
- P-02-04 **ELECTROCHEMOTHERAPY AS A TREATMENT OF PALPEBRAL SQUAMOUS CELL CARCINOMA IN SITU IN A CAT (#85)**
A. Rawicka, F. Necci, D. Mignacca, M. Fantauzzo, M. Viñas, N. D'Anna
- P-02-05 **CANINE IDIOPATHIC ORBITAL INFLAMMATION (IOI): A CASE SERIES OF FOUR AFFECTED DOGS (FIVE ORBITS) (#86)**
I. M. Freitas, O. Taeymans, T. Knott, A. Civello, M. Wegg, A. Gomez, J. Oliver
- P-02-06 **A CASE OF RETROBULBAR CARCINOMA IN AN ORANDA GOLDFISH (#87)**
F. Corsi, M. Masi, A. Nicoletti, P. Selleri, C. Giudice, A. Guandalini
- P-02-07 **CORNEAL PERFORATION ASSOCIATED WITH PROVIDENCIA RETTGERI IN AN AFRICAN HELMETED TURTLE (#90)**
S. Vieu, C. Jondeau, M. Bott, E. Reyes Gomez, T. M. Donnelly, S. Chahory
- P-02-08 **REPEATABILITY, REPRODUCIBILITY AND AGREEMENT OF ANTERIOR CHAMBER ANGLE PARAMETERS BY SPECTRAL DOMAIN OPTICAL COHERENCE TOMOGRAPHY AND ULTRASOUND BIOMICROSCOPY IN DOGS (#91)**
J. Shim, S. Kang, Y. Jeong, E. Lee, D. Jeong, K. Seo
- P-02-09 **HYPOCALCAEMIC CATARACT IN A CAT WITH SUSPECTED NUTRITIONAL SECONDARY HYPERPARATHYROIDISM (#92)**
J. Burgess, E. Collier, R. Hyland, H. Featherstone
- P-02-10 **FELINE PROGRESSIVE HISTIOCYTOSIS WITH PERIOcular INVOLVEMENT IN A DOMESTIC SHORTHAIr CAT (#95)**
G. Storms, G. Janssens, C. Naranjo, H. De Cock
- P-02-11 **KERATOMALACIA IN DOGS AND CATS: A RETROSPECTIVE STUDY OF 284 CASES WITH A FOCUS ON LABORATORY DIAGNOSTICS, BREED PREDISPOSITIONS AND ANTIMICROBIAL SUSCEPTIBILITY AT A UK REFERRAL HOSPITAL (#96)**
E. J. Stacey, C. Kafarnik, D. O'Neill, S. M. Frosini, N. Maddineni, M. - C. Fischer
- P-02-12 **USE OF A NOVEL XENOGRAFT (BIOCORNEAVET™) TO MANAGE DEEP AND PERFORATED CORNEAL ULCERS IN DOGS AND CATS: A CASE SERIES (12 EYES) FROM 2019-2021 (#98)**
E. Collier, J. Burgess, G. Popa, H. Featherstone

- P-02-13 **CORNEA REPLACEMENT BY A FROZEN PORCINE CORNEAL XENOGRAFT IN A DOG. (#99)**
J. Burgess, E. Collier, G. Popa, H. Featherstone
- P-02-14 **ECTOPIC PERIORBITAL LYMPH NODE IN A HORSE (#100)**
F. Narinx, S. Monclin, E. Vercruysse, A. Sauvage, M. Grauwels
- P-02-15 **A RETROSPECTIVE STUDY ON THE OUTCOME AND COMPLICATION RATE AFTER ONE OR TWO LOW-DOSE INTRAVITREAL INJECTIONS (IVGI) IN 25 SWEDISH HORSES (28 EYES) WITH CHRONIC UVEITIS (#103)**
S. Morén, M. Kallberg, A. Appelqvist, L. Strom
- P-02-16 **OCULAR PROTOTHECOSIS IN A DOG: OPHTHALMOLOGIC FINDINGS (#105)**
M. Battista, E. G. Mainer, A. B. del Río
- P-02-17 **OPHTHALMIC EXAMINATION FINDINGS IN RING-TAILED LEMURS (LEMUR CATTALINA) (#106)**
A. Rawicka, M. Capasso, P. Silvestre, C. Giudice, N. D'Anna
- P-02-18 **TREATMENT OUTCOME IN BLIND DOGS SUFFERING FROM OPTIC NEURITIS: COMPARISON BETWEEN PREDNISOLONE AND PREDNISOLONE/CYTARABINE PROTOCOLS (#107)**
I. Tzouganakis, K. M. Smith, P. M. Smith
- P-02-19 **EVALUATION OF TEAR PRODUCTION FOLLOWING TOPICAL APPLICATION OF TRAMADOL HYDROCHLORIDE USING STANDARDIZED ENDODONTIC ABSORBENT PAPER POINTS IN RATS: PRELIMINARY RESULTS (#108)**
C. Mureşan, M. Crasta, F. Beteg, S. Iurian, **C. Lelescu**
- P-02-20 **CLINICAL OUTCOME OF MICROPULSE™ TRANSSCLERAL CYCLOPHOTOCOAGULATION FOR TREATMENT OF GLAUCOMA IN 22 DOGS (#110)**
E. Lenihan, C. L. Heinrich, R. A. Grundon, R. N. Linn-Pearl, N. Hamzianpour, R. Carrozza
- P-02-21 **PUPIL SIZE IN RESPONSE TO STEADY ACHROMATIC AND CHROMATIC LIGHTS IN DAIRY COWS (#115)**
B. Ekestén, S. Lindkvist, E. Ternman, S. Agenäs
- P-02-22 **TEAR VOLUME DETERMINATION USING A MODIFIED SHORT-TIME SCHIRMER TEAR TEST IN HORSES. (#116)**
E. Martín-Suárez, **P. Mesa**, M. Portillo, A. Guisado, J. Morgaz, C. Merchán, A. Galán
- P-02-23 **BOVINE AMNIOTIC MEMBRANE TRANSPLANTATION IN FELINE CORNEAL SURGERY: A RETROSPECTIVE STUDY OF 56 CASES (59 EYES) (#117)**
J. Anne, A. - S. Augsburger, A. Cathelin
- P-02-24 **IN VITRO EFFECTS OF 5% TRAMADOL HYDROCHLORIDE ON CANINE AND FELINE CULTURED CORNEAL EPITHELIAL CELLS AS ANALYZED BY TRANSMISSION ELECTRON MICROSCOPY (#119)**
C. Mureşan, M. Suci, S. Tripon, **C. Lelescu**, E. Pall

- P-02-25 **PLANIMETRY OF THE OPTIC DISC IN THE SPANISH GREYHOUND AND SPANISH WATER DOGS (#122)**
C. Merchán, A. Guisado, M. Portillo, P. Mesa, J. Morgaz, A. Galán, E. Martín-Suárez
- P-02-26 **OPHTHALMIC FINDINGS IN A SMALL GROUP OF RELATED PYGMY SLOW LORIS (*NYCTICEBUS PYGMAEUS*) (#125)**
V. Kumaratunga, D. Donaldson, J. Ioannides, J. Parker, H. Niphuis, S. Shopland
- P-02-27 **EFFECT OF SINGLE ORAL DOSE OF TOPIRAMATE EXTENDED-RELEASE ON INTRAOCULAR PRESSURE IN HEALTHY CATS (#126)**
L. T. Graham, K. M. Smith Fleming, J. M. Reinhart, K. D. Foss
- P-02-28 **EFFECT OF TOPICAL PHENYLEPHRINE AND ROCURONIUM BROMIDE ADMINISTRATION ON PUPIL DIAMETER AND PINNING ABILITY IN BEARDED DRAGONS (*POGONA VITTICEPS*) (#127)**
D. J. Coleman, K. M. Smith Fleming, K. A. Keller

Friday, 21 May 2021 / Scientific Session VI / 14.00 – 15.15 (CEST)
Chairperson: Sébastien Monclin

- SS-VI-02 **MAGNETIC RESONANCE IMAGING OF THE NORMAL CANINE EYE USING A T1W VOLUMETRIC ACQUISITION (#12)**
K. E. L. Manchip, P. Sansom, C. Warren-Smith, D. Donaldson
- SS-VI-03 **LONG-TERM TREATMENT OUTCOME AND ANALYSIS OF RECURRENCE RISK FACTORS IN FELINE CORNEAL SEQUESTRUM. A RETROSPECTIVE STUDY OF 72 CASES (79 EYES) FROM 2009 TO 2017. (#13)**
A. Palella Gomez, S. Mazzucchelli, K. Smith, R. Pinheiro De Lacerda
- SS-VI-04 **COMPARISON OF TONOVET PLUS, TONOVET AND TONO-PEN VET TONOMETERS IN NORMAL CATS AND CATS WITH GLAUCOMA AND CORNEAL DISEASE (#120)**
G. J. McLellan, H. Terhaar, H. Walleck, N. Chen, T. Wahl, K. McDaniel, J. A. Kiland
- SS-VI-05 **CHARACTERIZATION OF THE DISTAL AQUEOUS OUTFLOW PATHWAY IN FELINE PRIMARY CONGENITAL GLAUCOMA (PCG) DUE TO LTBP2 MUTATION (#123)**
O. Torne Escude, K. Oikawa, J. A. Kiland, K. Weiss, J. Huisken, G. J. McLellan
- SS-VI-06 **THE DIAGNOSTIC YIELD OF ADVANCED IMAGING IN DOGS WITH HORNER'S SYNDROME PRESENTING WITH AND WITHOUT ADDITIONAL CLINICAL SIGNS: A RETROSPECTIVE STUDY OF 120 CASES (2000-2018). (#72)**
R. L. Lockhart, I. Tzouganakis, A. Tsvetanova, K. M. Smith, P. M. Smith

Friday, 21 May 2021 / Lecture on Animals in Research / 15.30 – 16.30 (CEST)

CRITICALLY EVALUATING THE USE OF ANIMAL MODELS WITHIN RESEARCH (#129)
A. Knight